Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 23 Sep 2021 until 23:59 on Friday 24 Sep 2021

Forecast Issued on Wednesday 22 Sep 2021 at 16:40

Confidence: High for spell of strong winds, low confidence in precipitation detail

Headline for Thursday 23 Sep 2021: Mostly cloudy with possible sunny spells. Windy

Mountain weather hazards on Thursday 23 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Dull	Dull
Precipitation probability							
00%	20%	20%	10%	10%	10%	20%	20%

Forecast for Thursday 23 Sep 2021

Weather: Turning cloudy from midnight and thickening up towards dawn with some outbreaks of light drizzle possible. Cloud steadily lifting above summits during the morning but staying mostly overcast throughout the day. By the evening, the cloud may lower and thicken, once again bringing a risk of drizzle. Windy throughout the day, gradually easing into the evening.

Chance of cloud free mountain/hill tops above 600m: 70% increasing to 100% by midday

Visibility: Possibly poor in the north west at first with cloud base 500-600m, good for the remainder of the day

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Forecast for Thursday 23 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 SW	24/34 W	21/30 W	22/31 W	22/31 W	20/28 W	18/26 W	19/28 W	22/32 W
300	16/34 W	14/30 W	9/24 W	13/27 W	14/26 W	14/26 W	11/23 W	12/25 W	13/28 W
Valley	13/31 SW	12/26 W	9/21 W	12/24 W	12/24 W	11/22 W	9/19 W	9/20 SW	9/22 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/8	9/5	9/5	10/6	11/7	10/7	11/7	11/7
300	14/11	14/11	11/10	12/10	13/11	14/11	12/10	13/11	13/11
Valley	15/13	15/13	13/11	13/11	14/12	15/13	14/13	14/13	14/13
Freezing Level*	2800m	3300m	3300m	3200m	3200m	3100m	3100m	3100m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A strong wind will make it feel cold, particularly on exposed western facing slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 22 Sep 2021	0mm	0mm	0.4mm

Forecast for Friday 24 Sep 2021

Weather: Widespread low cloud across the park during the morning, with outbreaks of rain and drizzle. This low cloud is likely to persist through much of the day, lowering further into the evening with poor visibility. Winds breezy particularly towards the north of the park.

Maximum wind: Westerly 35mph.

Chance of cloud free mountain/hill tops above 600m: 50% throughout the day.

Visibility: Poor at times in low cloud base 500-600m and outbreaks of drizzle. Moderate to good outside of cloud and drizzle.

Temperature: **Valleys:** Plus 12 Celsius increasing to 18 Celsius
At 600m: Plus 12 Celsius increasing to 15 Celsius
Freezing level: Above summits

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